PTO-1390 (Rev. 07-2005)
Approved for use through 3/31/2007. OMB 0651-0021
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TRANSMITTAL LETTER TO	TPIM K05013US							
	U.S. APPLICATION NO. (If known, see 37 CFR 1.5)							
CONCERNING A SUBMISSIO	10/531,848							
CONCERTATION NO	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED 29 October 2002						
INTERNATIONAL APPLICATION NO. PCT/GB2003/004794	29 October 2003	29 October 2002						
	-AD AMBLIEICATION							
TITLE OF INVENTION COMBINED EXPONENTIAL AND LINE	EAR AMPLIFICATION							
APPLICANT(S) FOR DO/EO/US		2 (10) the following items and other mormation:						
Applicant herewith submits to the United St	ates Designated/Elected Office (DO/E	(O/OS) the following items and sixes (Co.)						
1. This is a FIRST submission of items of	oncerning a submission under 35 U.S.C. 3	ion under 35 U.S.C. 371.						
2. This is a SECOND or SUBSEQUENT	submission of items concerning a submiss	ion under 35 U.S.C. 371.						
3. This is an express request to begin na (5), (6), (9) and (21) indicated below.	tional examination procedures (35 U.S.C.	371(f)). The submission must include items The sub						
4. The US has been elected (Article 31).		Division						
A copy of the International Applicati	on as filed (35 U.S.C. 371(c)(2))	· · · · · · · · · · · · · · · · · · ·						
a. is attached hereto (require	ed only if not communicated by the Interna	tional Bureau).						
has been communicated	by the International Bureau.							
is not required, as the ap	plication was filed in the United States Rec	eiving Office (RO/US).						
6. An English language translation of	the International Application as filed (35 U	.S.C. 371(c)(2)).						
a. is attached hereto.								
b. has been previously sub	mitted under 35 U.S.C. 154(d)(4).	0.074(2)/2))						
7. Amendments to the claims of the	international Application under PCT Article	19 (35 U.S.C. 3/1(c)(3))						
a. are attached hereto (re	quired only if not communicated by the Inte	ernational Bureau).						
b. have been communica	ited by the International Bureau.	NOT aurited						
c. have not been made; I	nowever, the time limit for making such am	endments has NOT expired.						
d. have not been made a	and will not be made.							
8. An English language translation	of the amendments to the claims under PC	CT Article 19 (35 U.S.C. 37 NO/O/).						
9. An oath or declaration of the inve	entor(s) (35 U.S.C. 371(c)(4)).	The section Papart under PCT						
10. An English language translation Article 36 (35 U.S.C. 371(c)(5)).	of the annexes of the International Prelimir	nary Examination Report Global Co.						
Items 11 to 20 below concern docum	ent(s) or information included:							
Displacure State	ment under 37 CFR 1.97 and 1.98.							
11. An assignment document for rec	cording. A separate cover sheet in complia	nce with 37 CFR 3.28 and 3.31 is included.						
13. A preliminary amendment.								
14. An Application Data Sheet under	er 37 CFR 1.76.							
15. A substitute specification.								
16. A power of attorney and/or cha	nge of address letter.							
A computer-readable form of the	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.621-1.525.							
A second copy of the nublished	A second copy of the published International Application under 35 U.S.C. 154(d)(4).							
19. A second copy of the English I	anguage translation of the international ap	plication under 35 U.S.C. 134(0)(4).						
	The lefter with in the	guired to obtain or retain a benefit by the public, which is to file (and by t						

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, use of the use of t

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) U.S. APPLICATION NO. (if known, see 37 CFR 1.5) U.S. APPLICATION NO. (if known, see 37 CFR 1.5)					ATTORNEY'S DOCKET NUMBER			
	N NO. (if known, s	ee 37 CFR 1.5)	PCT/GB2003/00479		TRIM K05013US	RIM K05013US		
	ems or information for Revival of an ise to Notification	International Appl	ication for Patent Designating ements Under 35 USC 371 a equence Listing; copy of Raw	the US Abandoned	Unintentionally Under 3 dment; CD ROM conta ror Report; Return Rec	37 CFR 1.137(b); ining Sequence eipt Postcard; and		
One (1)	Page Renlaceme	ent Drawing	·		CALCULATIONS	PTO USE ONLY		
The follow	ving fees have be	en submitted			S			
I. Basic	national fee (37 C	FR 1.492(a))		\$300				
the written opinio	nation fee (37 CF) on prepared by IS. S indicates all cla	A/US or the intern	national preliminary examinations of PCT Article 33(1)-(4).	on report prepared\$0\$200	\$			
3. Searce the written opinion IPEA/US i earch fee (37 CF Internation	th fee (37 CFR 1.4 on of the ISA/US of indicates all claim FR 1.445(a)(2)) ha nal Searching Aut och Report prepare	492(b)) or the International s satisfy provision as been paid on the hority	al preliminary examination rep is of PCT Article 33(1)-(4) ie international application to r than the US and provided to	ort prepared by\$0 the USPTO as an\$100 the Office or\$400	\$			
Additional fee	e for specification e listing in complia	and drawings file ince with 37 CFR R 1.492(j)). Idditional 50 sheets	d in paper over 100 sheets (e 1.821(c) or (e) or computer p s of paper or fraction thereof. additional 50 or fraction up to a whole number)	-				
			up to a whole themes,	x \$250	\$			
- 100 = Surcharge of \$13	750 = 30.00 for furnishin commencement of	a any of the sear	ch fee, examination fee, or the ge (37 CFR 1.492(h)).	e oath or declaration				
CLAIMS		BER FILED	NUMBER EXTRA	RATE	\$			
		- 20 =		x \$ 50	\$			
Total claims		- 3 =		x \$200	\$			
Independent cla				+ \$360	\$			
		(S) (if applicable)	TOTAL OF ABOV	E CALCULATIONS	= \$			
Ca Applicant o	laims small entity	status. See 37 Cl	FR 1.27. Fees above are red	uced by 1/2.				
				SUBTUTAL				
	-6 e420 00 for fire	nishing the Englis	h translation later than 30 mo	onths from the earlies	t s			
Processing fee	date (37 CFR 1.4	192(i)).						
				AL NATIONAL FEE				
Fee for recording	ng the enclosed a	ssignment (37 CF	R 1.21(h)). The assignment (nust be accompanie	d + \$			
by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property TOTAL FEES ENCLOSED =								
					Amount to be refunded:	\$		
1					Amount to be	\$ 750.00		

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